

10 to 95 %RH, 1 DC mV per 1 %RH

# HUMIDITY ADAPTER

Model : HA-702

ISO-9001, CE, IEC1010

[www.yalab.com.tw](http://www.yalab.com.tw)

02-2389-0101



**Lutron**

[www.YaLAB.com.tw](http://www.YaLAB.com.tw)

*The Art of Measurement*

10 to 95 %RH, 1 DC mV per 1 %RH

# HUMIDITY ADAPTER

Model : HA-702

[www.YaLAB.com.tw](http://www.YaLAB.com.tw) 02-2389-0101

## FEATURE

### APPLICATIONS

- \* Connect the humidity adapter to the Digital Multimeter ( set to DC 200 mV range ) can be used a precision Humidity Meter.
- \* Humidity recorder, data logger.

## SPECIFICATION

Range	10 % RH to 95 % RH.
Resolution	0.1 % RH.
Output	0 to 100 mV ( 1 mV per 1 % RH ).
Sensor	High precision thin-film capacitance sensor.
Sensor Probe	Separate probe.
Accuracy(23.5°C ) (after calibration)	$\geq 70\%$ R.H. - $\pm 3\%$ reading + 1% R.H. < 70% R.H. - $\pm$ % R.H.
Power Supply	DC 9 V battery (006P, 6F22).
Power Current	Approx. DC 6 mA.
Operating Temperature	Main instrument : 0 to 50 (32 to 140) . °C Humidity Probe : 0 to 60 (32 to 122) . °C
Operating Humidity	Main instrument : Less than 90 % R.H. Humidity Probe : Less than 95 % R.H.
Weight	150 g/0.33 LB (including battery).
Probe Cable	Length 1 meter.
Dimension	Main instrument :100 x 50 x 25 mm ( 3.9x2.0x1.0 inch ). Humidity probe : Round 26 mm Dia. x 160 mm.
Acc. Included	Operation Manual..... 1 PC.

## MEASURING PROCEDURE

- 1)Connect the " Out Plug (+) " to the volts input terminal and " Out Plug (-) " to com(Lo) input terminal of the voltmeter or MULTIMETER. Select the meter's range to 200 mV ( Attention : Do not use auto ranging).
- 2)Hold the "Sensor Probe", move the "Sensor "Head" slowly towards to the position under the measurement.
- 3)Then the display of DMM will show the humidity values ( %RH ) directly.

\* Appearance and specifications listed in this brochure are subject to change without notice.

0604-HA702

**www.YaLAB.com.tw 02-2389-0101**